



DIAGNOSIS
AIR CONDITIONING
TECHNICAL SOFTWARE
CONSUMABLES

Workshop equipment

Distributor



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Some products may be not available for all countryes or not have available local transtation.
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Chosen by the Chrysler Training Academy for conducting vehicle diagnosis and training future technicians on all makes and models in every Chrysler Training Center across the US.

Tester Flex



007935800080

TECHNICAL FEATURES:

- Advanced diagnosis system with special functions: **Plus Exclusive Magneti Marelli know-how, OK Function, Easy Fix, Easy Diag and Easy Scope**
- Tester controlled by PC (compatible systems: XP, Vista, Windows 7 and Windows 8)
- Connection to PC by USB or Bluetooth
- Built-in 2-channel high-speed oscilloscope (100MS/s)
- Built-in multimeter (voltage, resistance, conductivity measurements with buzzer and current probes)
- Cable and accessories kit for professional use of the oscilloscope
- Internal lithium battery, rechargeable by means of: EOBd socket, mains power supply or battery/cigarette lighter
- Can be used as a hand-held device (oscilloscope, voltage and resistance measurements)
- The 3" display provides: info on module updates, charge status of internal battery, Firmware version
- EOBd diagnosis and Road Test directly from the hand-held device are currently in development
- Vehicle multi-search: by Engine Code, by Type of ECU or Standard

KIT INCLUDES:

- 1 FLEX TESTER
- 1 EOBd cable
- 1 EOBd cable extension
- 1 cable with clamp for battery
- 1 red BNC cable 4mm, 2.7m
- 1 blue BNC cable 4mm, 2.7m
- 1 black multimeter probe
- 1 red multimeter probe
- 1 small red clamp
- 1 small black clamp
- 1 attenuator 20:1
- 1 signal detection probe kit
- 1 mini USB 2.0 cable
- 1 Bluetooth device
- Installation CD
- Quick reference guide
- Case

Oscilloscope features	Flex Tester
Channels with math function	Invert ch1 , invert ch2, ch1+ch2, ch1-ch2, ch1*ch2, ch1/ch2 and Fourier Transform
Zoom (10,000 points) in real time	Zoom-in, zoom-out and personalize
Cursor measurements	Amplitude, time, frequency values
Data analysis by RAM buffer	Continual acquisition of signals with the possibility of saving and recall for comparison and in-depth analysis
Division square	10x10
Amplitude scale	from 100 mV to 40 V for division (± 500 mV, ± 200 V)
Time scale	from 200 ns to 20 s for division
Trigger	Auto/Single/Normal with cursor
Oscilloscope vertical resolution	13 bit
Multimeter resolution	16 bit



007935901080



CURRENT MEASUREMENT KIT

- 1 current clamp 20/60 A
- 1 current clamp 600 A
- 1 fuse current measurement adapter 308B
- 1 fuse current measurement adapter 307C
- 2 cables with clamp for battery



007935901090



OSCILLOSCOPE ADAPTER KIT

- 1 black multimeter probe with terminal
- 1 red multimeter probe with terminal
- 1 small red crocodile clip
- 1 small black crocodile clip
- 1 attenuator 20:1
- 1 large red crocodile clip
- 1 large black crocodile clip
- 1 bundle of 6 universal breakout leads 1.5 mm
- 1 bundle of 6 universal breakout leads 2.3 mm

+ Plus

Magneti Marelli Know How

Parameters comparison, error-guided diagnosis for Magneti Marelli ECUs and Technical Bulletins.



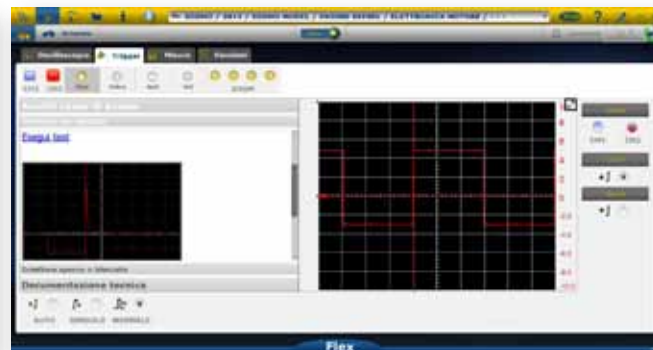
diagnosis

The screenshot shows the Fiat website interface. At the top, there's a navigation bar with the Fiat logo and a search bar. Below it, a blue banner displays the text "OK Function". On the left side, a vertical menu lists various vehicle features and options, including "IMPIANTO SERRANDA", "PNEUMATICI KIMTYL/ESP", "CARGHERIA", "SISTEMI INIEZIONE", "RICERCA SERVO VEICOLI", "AERO CONDIZIONATO", "FAP", "SERVOSTEERING/STABILIZZAZIONE", "SERVICE MENT", "AUTOMATIC PRICE", "MARELLI SQUAD SYSTEM SP 2", "MARELLI COMPLETE/IN-PA", "ESP 275", "MARELLI 802", "MARELLI 800 CPO", "FACILIANO ACCELTAREING", and "FACILIANO CONDUINA". On the right side, a 3D rendering of a car chassis is displayed, showing the engine, transmission, and suspension components. The background is a dark blue gradient.

A dynamic workshop manual for complex procedures and codings with the possibility of using the measurement module or real time diagnoses.



A user guide to the oscilloscope and the tests of vehicle components, such as the sensors, actuators, fans, etc.





Vision Tester



007935800020

TECHNICAL FEATURES:

- Advanced diagnosis system with special functions: **Plus Exclusive Magneti Marelli know-how, OK Function, Easy Fix, Easy Diag and Easy Scope**
- Hand-held tester with touch screen, PC-ready (compatible systems: XP, Vista, Windows 7 and Windows 8)
- Connection to PC by Bluetooth
- Built-in 4-channel oscilloscope (25 MS/s)
- Built-in multimeter (voltage, resistance, conductivity measurements with buzzer)
- Cables and accessories kit for professional use of oscilloscope
- Two interior lithium batteries, rechargeable by means of: EOBD socket, mains power supply or battery/cigarette lighter
- 8" touchscreen: resolution 800x600, 262144-colour display, horizontal or vertical visualization
- 16 GByte SD memory card
- Endoscope probe input for inspections
- Vehicle multi-search: by Engine Code, by Type of ECU or Standard

BASIC KIT INCLUDES:

- 1 VISION TESTER
- 1 EOBD cable
- 1 EOBD cable extension
- 1 cigarette lighter power cable
- 1 mains power supply
- 1 reader/writer with SD card
- 1 black multimeter probe
- 1 red multimeter probe
- Series of cables for Vision oscilloscope
- 1 Bluetooth device
- Fabric protection cover
- Installation CD
- Quick reference guide
- Case

Oscilloscope features	Vision Tester
Cursor measurement	Amplitude, time, frequency values
Acquisition saving	Possibility of saving and recall for comparison
Division squares	10x10
Amplitude scale	From 50 mV to 50 V for division (± 250 mV, ± 250 V)
Time scale	From 1 μ s to 1 s for division
Trigger	Auto/Single/Normal with cursor
Oscilloscope vertical resolution	8 bit
Multimeter resolution	10 bit
Dimensions and weight	222x180x50 mm / <1 kg

diagnosis

+ Plus

Magneti Marelli Know How



Parametri	Valore	Unità
Posizione Acceleratore	0	0
Posizione acceleratore 1	0.00	0.00
Posizione acceleratore 2	0.00	0.00
Correzione quantità cil.1	0.98	0.97
Correzione quantità cil.2	0.02	-0.01
Correzione quantità cil.3	0.98	0.95
Correzione quantità cil.4	0.00	0.02
Press.Gasolio Obiettivo	1	1
Press. Gasolio misurata	0	0
Pressione gasolio AD/C	1.50	1.50

Parameters comparison, error-guided diagnosis for Magneti Marelli ECUs and Technical Bulletins.

OK Function



A group of recurrent, simplified functions for rapidly performing resetting, coding or other functions. Useful also for those not familiar with specific diagnoses of the vehicle ECU.

Easy Diag



A dynamic workshop manual for complex procedures and codings with the possibility of using the measurement module of real time diagnoses.

Easy Fix



A guide for testing the component that caused the fault, a simple and intuitive interface that makes use of built-in instruments such as the oscilloscope and multimeter.

Easy Scope



A guide to using the oscilloscope and tests of vehicle components such as the sensors, actuators, fans, etc.



007935901080

CURRENT MEASUREMENT KIT

- 1 current clamp 20/60 A
- 1 current clamp 600 A
- 1 fuse current measurement adapter 308B
- 1 fuse current measurement adapter 307C
- 2 cables with clamp for battery

PC Interface



To perform remote-control diagnosis, the Vision Tester can be interfaced with a PC by the Bluetooth device supplied in the kit.



Smart Tester

007935800000

TECHNICAL FEATURES:

- Advanced diagnosis system with special functions: **Plus Exclusive Magneti Marelli know-how and OK Function**
- Hand-held tester
- Interior battery, rechargeable by means of: EOBD socket, mains power supply or battery/cigarette lighter
- 3.5" screen: resolution 320x240, 262144-colour display
- 1GByte SD memory card

THE KIT INCLUDES

- 1 SMART TESTER
- 1 EOBD cable
- 1 cigarette lighter power cable
- 1 adapter cable for power from battery
- 1 reader/writer with SD card
- Installation CD
- Quick reference guide
- Case

+ Plus

Magneti Marelli Know How

Parameters comparison, error-guided diagnosis for Magneti Marelli ECUs and Technical Bulletins.

OK Function

A group of recurrent, simplified functions for rapidly performing resetting, coding or other functions.

Useful also for those not familiar with specific diagnosis of vehicle ECUs.



Logic Tester



007935800010

TECHNICAL FEATURES:

- Advanced diagnosis system with special functions: **Plus Exclusive Magneti Marelli know-how, OK Function and Easy Diag**
- Tester controlled by PC (compatible systems: XP, Vista, Windows 7 and Windows 8)
- Connection to PC by USB or Bluetooth device
- The new interface is easy and quick to use, a fast, simple tool
- Standard search mode (make/year/model/engine size)

THE KIT INCLUDES

- 1 LOGIC TESTER
- 1 EOBD cable
- 1 cigarette lighter power cable
- 1 adapter cable for power from battery
- 1 USB cable
- Installation CD
- Quick reference guide
- Case

+ Plus

Magneti Marelli Know How

Parameters comparison, error-guided diagnosis for Magneti Marelli ECUs and Technical Bulletins.

OK Function

A group of recurrent, simplified functions for rapidly performing resetting, coding or other functions.
Useful also for those not familiar with specific diagnosis of vehicle ECUs.

Easy Diag

A dynamic workshop manual for complex procedures and codings with the possibility of using the measurement module or real time diagnoses.



Body Tester FCA

007935800015

TECHNICAL FEATURES:

- Advanced diagnosis system with special functions: **Plus Exclusive Magneti Marelli know-how and OK Function**
- Hand-held tester
- Interior battery, rechargeable by means of: EOBD socket, mains power supply or battery/cigarette lighter
- 3.5" screen: resolution 320x240, 262144-colour display
- 1GByte SD memory card

THE KIT INCLUDES

- 1 BODY TESTER
- 1 EOBD cable
- 1 cigarette lighter power cable
- 1 adapter cable for power supply from battery
- 1 reader/ writer with SD card
- Installation CD
- Quick reference guide
- Case

MAIN SYSTEMS FOR DIAGNOSIS:

- ABS
- TRACTION CONTROL
- ESP
- AIRBAG
- AIR CONDITIONING
- POWER STEERING
- IMMOBILIZER
- CENTRAL LOCKING
- DASHBOARD
- BODY COMPUTER
- COMFORT SYSTEM
- ALARM
- CAN NETWORK
- INDICATORS
- AUTOMATIC GEARBOX
- GEARBOX CONTROL UNIT
- ENGINE CONTROL UNIT
- DOORS CONTROL UNIT
- SUSPENSION CONTROL
- ELECTRIC SEAT ADJUSTMENT
- MIRRORS
- PARKING SENSORS
- PASSENGER/DRIVER COMPARTMENT C.U.
- ELECTRIC PARKING BRAKE
- CRUISE CONTROL

+ Plus

Magneti Marelli Know How

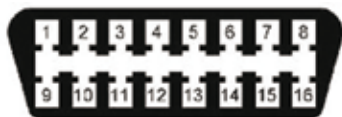
Parameters comparison, error-guided diagnosis for Magneti Marelli ECUs and Technical Bulletins.

OK Function

A group of recurrent, simplified functions for rapidly performing resetting, coding and other functions.

Useful also for those not familiar with the special diagnosis of vehicle ECUs.

Accessories	Flex	Vision	Smart/Body	Logic
007935900440 - DM01 – adapter cable for Diascope	√	√	√	√
007935900450 - DM02 – adapter cable for TEXA Car	√	√	√	√
007935900460 - DM03 – adapter cable for TEXA Truck	√	√	√	√
007935911540 - DM04 – adapter cable for Brain Bee	√	√	√	√
007935911530 - DM05 - Protech adapter cable	√	√	√	√
007935911900 - DM06 - Motorscan adapter cable	√	√	√	√
007935911910 - DM07 – SPX adapter cable	√	√	√	√
007935901080 - Kit for measurement of current	√	√		
007935901100 – Support hook for vehicle for Flex Tester	√			
007950006420 – Bluetooth device	√	√		√
007935830020 – Power supply from mains	√	√	√	√
007935900550 – EOBD 16-way diagnosis cable 641	√	√	√	√
007935830180 – USB/RS232 cable for Logic Tester HW7				√
007935830185 – USB/ST for Logic Tester HW9				√
007935911960 – Endoscope probe		√		
007935800040 - Docking Station		√		
007935830170 - Trolley	√	√	√	√



Full Car Licence

007935800100

EUROPEAN MOTOR VEHICLE CABLE KIT

007935900390

Ford diagnostic cable	007935900490
Renault diagnostic cable	007935900530
PSA diagnostic cable (30 pin)	007935900560
Mercedes diagnostic cable	007935900590
Iveco Daily diagnostic cable	007935900620
Power supply cable	007935900470
Opel diagnostic cable	007935900520
PSA diagnostic cable (2 pin)	007935900540
BMW diagnostic cable	007935900570
Sprinter / LT diagnostic cable	007935900610
FIAT diagnostic cable	007935900510

ASIAN MOTOR VEHICLE CABLE KIT

007935900400

Daewoo diagnostic cable	007935900600
Hyundai / Mitsubishi diagnostic cable	007935900630
Nissan diagnostic cable	007935900640
Toyota diagnostic cable	007935900670
Suzuki 4-6 way diagnostic cable	007935900690
Suzuki 0-7 diagnostic cable	007935900840
Kia diagnostic cable	007935900650
Honda diagnostic cable	007935900680
Subaru diagnostic cable	007935900700
Power supply cable	007935900470

With the Full CAR Licence, the following vehicles can be diagnosed:

- CARS
- LIGHT COMMERCIAL VEHICLES
- PICKUPS



Full TRUCK Licence

007935800130

TRUCK CABLE KIT

007935900420

700 Renault diagnostic cable	007935900810
651 Iveco diagnostic cable	007935900620
671 Volvo diagnostic cable	007935900730
674 MAN Truck diagnostic cable	007935900760
607 Fiat diagnostic cable	007935900510
547 Power supply cable	007935900470
650 Mercedes diagnostic cable	007935900610
670 SCANIA / DAF diagnostic cable	007935900720
678 MAN Truck 2 diagnostic cable	007935900770
646 Diagnostic cable extension	007935900580

CABLE KIT FOR SEMI-TRAILERS

007935900430

672 Wabco-knorr diagnostic cable	007935900740
681 Haldex eb+ diagnostic cable	007935900790
684 Haldex abs Diagnostic cable	007935900800

With the Full Truck licence, the following categories of vehicles can be diagnosed:

- TRUCKS
- TRAILERS AND HALF-TRAILERS
- LIGHT COMMERCIAL VEHICLES
- BUSES



diagnosis

Full Bike Licence

007935800140

MOTORBIKE CABLE KIT

007935900410

600 - Universal cable	007935900480
pfm003 - Kawasaki (03-06) diagnostic cable	007935900820
pfm005 - Harley diagnostic cable	007935900900
pfm006 - BMW 2 diagnostic cable	007935900920
pfm010 - Honda (06-) diagnostic cable	007935900850
pfm011 - Suzuki diagnostic cable	007935900840
pfm012 - Kawasaki (07-) diagnostic cable	007935900830
pfm009 - BMW 1 diagnostic cable	007935900860
pfm008 - Honda 3pin diagnostic cable	007935900870
pfm007 - Honda (immo) diagnostic cable	007935900930
pfm017 - Ducati (08-) diagnostic cable	007935900950



Tester Smart - Tyres/Fast Fit Licence

007935800110



SYSTEMS DIAGNOSED

- ENGINE CONTROL UNIT
- SERVICE RESET
- TRACTION CONTROL
- SERVICE RESET OF TIMING BELTS
- TYRE PRESSURE MONITORING SYSTEM
- RESET OF THROTTLE POSITION SENSOR
- ROBOTIZED GEARBOX
- INSTRUMENT PANEL
- ABS

Smart Tester – Body Licence

007935800120

ACCEPTANCE

- Auto scan * of vehicle errors
- Activation of engine components
- Activation of solenoid valve (engine)
- Activation of rear-view mirrors
- Activation of window regulator
- Activation of lights
- Activation of central locking

PROCESSING

- Air conditioning restart
- ESP steering angle adjustment
- Suspension
- Encoding of keys
- Encoding of remote controls
- Airbag encoding
- ECU configuration

DELIVERY

- Automatic deletion of vehicle errors*
- * The functions generate a report that can be used during both the acceptance stage (assessment) and the vehicle delivery stage (declaration of works)

TRADITIONAL DIAGNOSIS AVAILABLE

- Engine control unit
- ABS/Traction Control/ESP
- Airbag
- Air conditioning
- Power steering/Electric power steering
- Central locking
- Instrument panel
- Body Computer

- Comfort
- Alarm
- Can Network
- Lights check
- Gearbox control unit
- Transmission control unit
- Door check
- Trim/suspension check
- Adjustment of seats/mirrors
- Parking assist
- Info display check
- Electrical steering
- Control console check
- Parking brake
- Body module
- Steering lock



Asian Gold Entry Level

007920004515

TECHNICAL FEATURES:

- Diagnostic tester with a compact design, additional shock-resistant and vibration-damping protection
- Interior battery that guarantees many hours of operation, which can be charged both with an AC adapter (included in the kit) or via a connector with EOBD socket on the vehicle under diagnosis
- Clear and readable monochrome LCD with resolution of 320x240 pixel
- Numerical keypad with tough and easy-to-use function keys
- User-friendly interface available in several languages, which guides technicians through each function in an uncomplicated manner
- Integrated database
- Built-in OBD-II scanner
- PC-ready (PC scan function)
- Supports the latest CAN protocols

Technical Features	Asian Gold
Communications protocols	OBD-II (ISO 9141-2) SAE J1587 OBD-II (SAE-J1850) KWP-2000
Operating temperature	10°C to 50°C
Integrated memory	256 MByte
Display	resolution 320x240 pixels 12x40 characters LCD backlighting
Dimensions	125x223x68 mm

KIT INCLUDES:

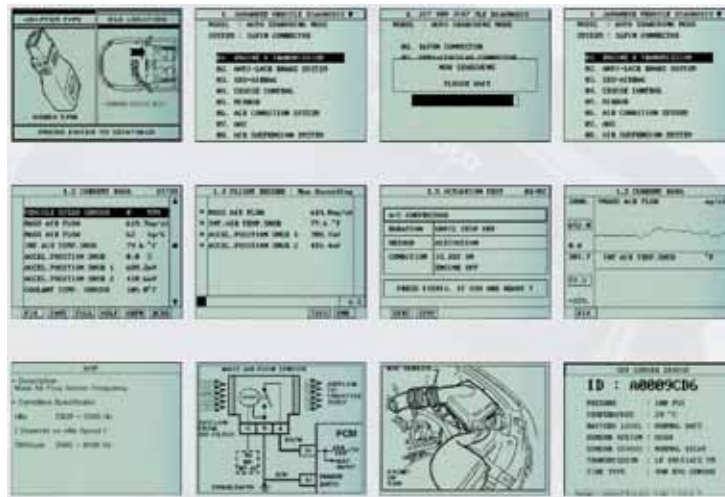
- Asian Gold
- 1 16-pin OBD cable
- 1 USB cable
- 1 power supply cable from cigarette lighter
- Rubber protection for tester
- User manual
- Case for transport
- 1 power supply from mains
- Installation CD



OPTIONAL CONNECTORS:

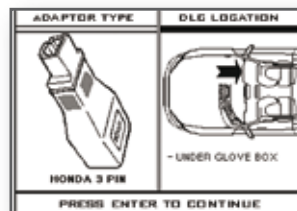
HYUNDAI / MITSUBISHI cable (12P)	007920005650
KIA / MAZDA adapter (6+1P)	007920005660
KIA adapter 20P (BLUE)	007920005670
DAEWOO / GM adapter (12P)	007920005680
SSANGYONG adapter (14P)	007920005690
SSANGYONG adapter (20P)	007920005700
TOYOTA / LEXUS adapter (17P"R")	007920005710
TOYOTA / LEXUS adapter (17P"C")	007920005720

SAMSUNG / NISSAN adapter (14P)	007920005730
MITSUBISHI cable (12P+16P)	007920005740
HONDA adapter (3P)	007920005750
HONDA adapter (5P)	007920005760
MAZDA adapter "C" (17P)	007920005770
SUBARU adapter (9P)	007920005780
LOW-SPEED CAN cable	007920005790

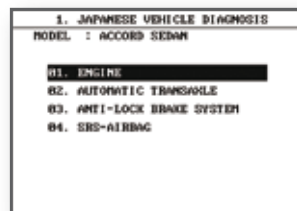


Functions

CONNECTION LOCATION



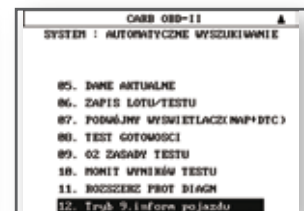
DIAGNOSTICS



CALCULATOR UNIT



OBD-II SCANNER



ANNUAL SUBSCRIPTION FOR ASIA:

007920005010

Asian Connect Evolution

007920004600



TECHNICAL FEATURES:

- Diagnostic tester controlled by a PC (compatible systems: XP, Vista and Windows 7 32bit/64bit)
- Connection to PC via USB or personalized Bluetooth (included in kit)
- Powered with AC adapter (included in kit) or via a connector with EOBD socket of the vehicle under diagnosis
- Communication monitoring LED
- User-friendly interface available in several languages, which guides technicians through each function in an uncomplicated manner
- Integrated database
- Built-in OBD-II scanner
- Supports the latest CAN protocols

KIT INCLUDES:

- Asian Connect Evolution
- 1 OBD cable 16pin
- 1 USB cable
- 1 personalized BT device
- 1 power cable from cigarette lighter
- User manual
- 1 power supply unit from mains
- Installation CD

OPTIONAL CONNECTORS:

HYUNDAI / MITSUBISHI cable (12P)	007920005650
KIA / MAZDA adapter (6+1P)	007920005660
KIA adapter 20P (Blue)	007920005670
DAEWOO / GM adapter (12P)	007920005680
SSANGYONG adapter (14P)	007920005690
SSANGYONG adapter (20P)	007920005700
TOYOTA / LEXUS adapter (17P"R")	007920005710
TOYOTA / LEXUS adapter (17P"C")	007920005720
SAMSUNG / NISSAN adapter (14P)	007920005730
MITSUBISHI cable (12P+16P)	007920005740
HONDA adapter (3P)	007920005750
HONDA adapter (5P)	007920005760
MAZDA adapter "C" (17P)	007920005770
SUBARU adapter (9P)	007920005780
LOW-SPEED CAN cable	007920005790

Technical features	Asian Connect Evolution
Communication protocols	- CAN Bus (conforms to ISO 15765, GLAN, J1939 and ISO14229) - 2° CAN (double or single cable) - Ford SCP (J1850PWM) - GM Class 2 (J1850VPW) - KWP2000 (ISO9141/14230) - Chrysler SCI (J2610) - K series - L series - 5V SCI
Operating temperature	10°C to 60°C
Dimensions	95x175x45 mm

ANNUAL SUBSCRIPTION FOR ASIA:

007920005010



MAIN MENÙ



SELECTING
THE VEHICLE MAKE

SELECTING
THE SYSTEM





Master Alt

007935063030

Device for testing new generation alternators.

The device can be used to make diagnoses of the charging circuit on vehicles with alternator with charging current supplied by the ECU.

The device, by means of specific communication protocols, simulates the command from the system ECU.

The device is able perform tests on alternators mounted on the vehicle or on test benches in the workshop.

The main manufacturers currently using this type of alternator are: AUDI, BMW, CITROËN, FORD, JAGUAR, LAND-ROVER, MAZDA, MERCEDES, MINI, PEUGEOT, RENAULT, SEAT, SKODA, TOYOTA, VOLVO and VOLKSWAGEN.

COMPATIBLE WITH CONTROL STANDARDS:

1. COM - LIN, BSS(BSD) interface
2. SIG - FORD
3. P-D Mazda
4. L-RVC - GM
5. RLO - Toyota
6. Others – programmable PWM generators

COMMUNICATION PORTS:

RC – COM:

PWM output signal connection (green cable).

M – DFM:

Monitoring input (blue cable).

B+:

Positive battery in tested circuit, device power supply (red cable).

B-:

Negative battery in tested circuit, device power supply (black cable).



BATTERY TESTER

007950006900

Universal tester for testing the condition of the battery and its associated parts such as the alternator and starter. It also monitors voltage drops when the battery is under load from the starter and the other devices used while the vehicle is being driven (window heater, lights, etc.).

All tests can be performed on the following batteries: gel, AGM (automatic charge); VRLA (semi-automatic charge), SLI (standard) and Start&Stop. The inrush current can be supplied in compliance with one of the following standards: SAE, EN, IEC, DIN and JIS.

All tests carried out by the battery tester can not only be viewed on a large, clear screen with adjustable backlighting, but they can also be printed immediately thanks to a built-in printer. The print-out contains all the test data and even gives the customer full information on the status of the battery, alternator and voltage regulator.



MEMORY SAVER

007950006920

Instrument for maintaining the vehicle power supply when its battery is disconnected. A very useful device for replacing the vehicle battery without running into problems caused by ECU errors or a loss of settings or memory in on-board systems.

It can be connected to the vehicle with an EOBD socket or via the cigarette lighter. The LED control panel continuously provides information on the status of the internal battery.

The kit includes the EOBD cable, the cigarette lighter cable and the specific power supply unit for charging the internal battery.

Technical features:

- Maintenance-free AGM Lead-Acid battery
- Battery capacity 7 Ah - 12 V
- Dimensions 24.5 (L) x 18 (W) x 24.5 (H) cm, weight 3 kg



BAT90 BATTERY CHARGER WITH BOOSTER FUNCTION

007935660500

This is a battery charger with an intelligent microprocessor with start booster function. Its efficient cooling system combined with excellent functions guarantee professional battery recovery or start of the engine.

Technical specifications:

Batteries charged: 12V Lead-Acid, AGM, GEL, VRLA batteries (excluding non-rechargeable batteries)

Power supply: 220-240 V 5A

Charge: 5 and 30 A

Engine start: 90 A

(The cooling time after each engine start: 0-5 seconds with a delay of 3 minutes)

Maintenance power: pulse charging

Dimensions: 20 (L) x 20 (W) x 13 (H) cm, weight: 6.3 kg



BAT5 BATTERY CHARGER

007935660400

This is a compact battery charger with a microprocessor with intelligent charge function, which thanks to its excellent operation guarantees professional recovery of the battery. IP65 protection against dust/spray/rain, protection against inverted connection of the poles/sparks; protection against battery overload, and protection against short-circuits.

Simple: the luminous LEDs identify the exact charge status

Light: portable and compact construction.

Batteries charged: 12V Lead-Acid, AGM, GEL, VRLA batteries (excluding non-rechargeable batteries)

Power supply: 220-240 V 1A Charge: 5A

Maintenance power: pulse charging

Dimensions: 16.0 (L) x 9.6 (W) x 5.4 (H) cm, weight: 0.85 kg





OBD Road

007935800050

TECHNICAL FEATURES:

- On-board control system with acoustic signal in real time that indicates driver errors. It can also be configured via a PC (e.g., fast acceleration, exceeding set speed, etc.).
- Verification of parameters important in the diagnosis of LPG/CNG supply systems
- EOBD diagnostics in real time with preview of error display/deletion parameters (except for P1XXX), freeze frame feature
- Graphical analysis of real parameters

TECHNICAL DATA:

- 4 Mb memory for data recording
- LED diode (red/green) for signalling the device status
- Buzzer for acoustic signalling of important events (errors, programmed functions, etc.)
- Updates of the device via Internet
- Supports electrical power supplies of 12 and 24 V (for Truck and Bus applications)
- Dimensions: 43.50 x 22.50 x 25.15 mm, weight: 20 g
- Compliant with E24 10R-030604 standard



Inspection Recorder

007935016750



MAGNETI MARELLI'S VIDEO ENDOSCOPE CAN RECORD VIDEO CLIPS AND STORE IMAGES. IT IS IDEAL FOR ANALYZING HARD-TO-REACH POINTS AND CORNERS, AND EXTREMELY USEFUL IN THE WORKSHOP FOR INSPECTING ENGINES AND OTHER HIDDEN PARTS SUCH AS THE EVAPORATOR. THE DEVICE IS EQUIPPED WITH A 2 M PROBE AND A MIRROR THAT CAN BE ANGLED TO 45°.

TECHNICAL SPECIFICATIONS OF THE PROBE:

Ø: 5.5 mm Length: 2 m
Light source: 4 LEDs with adjustable brightness
Protection rating: IP57

TECHNICAL SPECIFICATIONS OF THE VIDEO ENDOSCOPE:

3.5" TFT LCD, 320x240 pixels / mini USB 1.1 AVOUT interface / Rechargeable lithium polymer batteries (3.7 V) / SD card recording media (with capacity of 1 GB / up to 2 GB) / MPEG4 Compression format. Format for image recording: JPEG (640 x 480) / Format for ASF video recording (320 x 240)

TPMS Connect Evo

007935910260



From 1 November the TPMS system will be mandatory in all newly registered vehicles

007935910260

TPMS Connect EVO Licence

007935910255

TPMS updates subscription



007935900395

KIT OBD per TPMS CONNECT EVO

007935910270

OBD KIT Licence

007935910245

OBD KIT updates subscription

The ideal partner for testing and encoding wireless tyre pressure monitoring systems

- Performs an initial check of the system on vehicle acceptance, before any work is carried out on the wheels or sensors
- Identifies the ID of the individual wheel sensors, without removing the tyres
- Overall check of the system when vehicle is returned to the customer (e.g. following full maintenance of the tyres), check of errors and possible causes of activation of the TPMS indicator on the instrument cluster
- Wireless measurement of temperature and pressure of the tyres
- **Encoding of universal valves: Ez-Sensor, Sens-It and HUF**



Technical Features

Dimensions: 190 x 120 x 50 mm

LCD: backlit, 4 x 16 characters

Numerical keypad: 6 keys (Arrows, Enter/OK, ESC) + ON/OFF

Electrical power supply: internal battery rechargeable from mains power supply.

specific devices

Fuel Injector Cleaner and Tester



The professional solution for servicing **Petrol/LPG/CNG** fuel injectors

Systems supported:

GDI / FSI / HPI / DISI / SIDI (direct injection),
MPFI / SPFI, L-JETRONIC (multipoint fuel injection / CSFI, CPFI (central
point injection) / TBI / CFI (throttle body injection), K-JETRONIC
(continuous injection), MARINES, E-TEC / FICHT
Others: motorbikes, LPG, alternative fuels

Main Technical features:

- Suitable for GDI
- Spray test
- Volume test
- Automatic operation
- Engine simulation test
- Automatic pipe drainage
- Protection circuit of injectors
- Test plans – repeatability
- Reverse flush
- Guide on the display
- Rapid assembly
- Easy to use
- Possibility of updating

007950000420

Test liquid for petrol injectors 4 litres

007935095120

Cleaning liquid for ultrasound bath 4 litres



GS2 Semi Automatic

007935095360



GS4 Fully Automatic

007935095370

• STANDARD ◦ OPTIONAL ✕ NON AVAILABLE	GS4	GS2
Injectors capacity / Signal output capacity	4/4	4/4
Direct injection testing and cleaning FSI, HPI, GDI	•	•
Testing and cleaning MPFI, SPFI, L-JETRONIC, TBI, CFI / CSFI, CPFI	•/◦	•/◦
Testing and cleaning MOTOBIKES/BOATS, LPG, ALTERNATIVE FUELS	•/◦	•/◦
Testing and cleaning K-JETRONIC	◦	◦
Operating pressure of injectors (bar / 1bar = 10 KPa)	0-10	0-10
Automatic regulation of pressure based on the system tested	•	✕
Driver in saturation selected automatically	•	•
"Peak & Hold" driver selected automatically	•	•
Piezoelectric injector driver circuit (0-250 VDC / 0-35 A)	•	✕
High-intensity LEDs that light up for each spray chamber	•	•
Automatic functions and operations	•	✕
Manual function (semi-automatic)	•	•
Test plans programmable by the user	•	✕
Spray diagram and display of spraying	•	•
Step-by-step instructions (messages on LCD)	•	•
Possibility of future updates	•	✕
Automatic drainage of volumetric pipes	•	✕
Simulation test, acceleration/deceleration mode	•	•
Rich/Lean mode simulation test	•	✕
Possibility of multiple injections programmable by the user (# of injections)	✕	✕
Injectors database for manufacturers/users (Test plans)	✕	✕
Printer outlet /USB for results report	✕	✕
Man-machine interface (display)	LCD / 2x20 charact.	LCD / 2x16 charact.
Customer and injectors archive	✕	✕
Condition of coil and Ohm test (O)	•	✕
Inductance test (μH)	✕	✕
Capacitance test (μF)	✕	✕
Filtered fluid supply system	10um	10um
Operating frequency of injectors	500-16,000	500-9900
Pulse amplitude of injectors (μs)	900-100000	900-80000
Pulse options of injectors	•	•
Dynamic and static tests for all types of injectors	•	•
Volumetric test in graduated glass tubes (ml / tol. / accuracy)	130 / 2 / 1	130 / 2 / 1
Language localization	•	•
Guide on display (step-by-step instructions)	•	✕
Operating software for industrial PCs	✕	✕
Quick connectors without leaks	•	•
Standard adapter kit (adapters for injectors supplied from above)	•	•
TBI adapter kit (throttle body and adapter kit for injectors supplied from the side)	◦	◦
Special adapters (universal adapter kit for all injectors supplied from above and side)	◦	◦
Adapters for high pressure direct injectors of standard dimensions	✕	✕
Adapters for long high pressure direct injectors and with non-standard dimensions (optional list)	✕	✕
Special bath for ultrasound cleaning UB15e (sweep technology, 31-42kHz, degassing, heating control)	◦	◦
Standard bath for ultrasound cleaning UB15s (42Khz, heating control)	•	•
Input current (volt) / power consumption (watt)	100-250 / 200	100-250 / 200
Operating frequency (Hz)	50-60	50-60
Packaging dimensions HxLxW (cm)/weight (kg)	51 X 44 X 67 / 42	60 X 44 X 55 / 37
Consumable fluids (for testing and cleaning)	•	•
Accessories kit for injectors (filter screens, protection cups, o-rings, etc.)	•	◦
Portable support with work bench	◦	◦

NEW**ATF Extra****007935110000**

It includes a technical database with information on connection points, connectors to use, OE code and quantity of lubricant, method and oil temperature and much more besides.



Unit for washing out the automatic gearbox of vehicles and changing the gearbox oil (with the addition of additives).

Unit is able to automatically detect the oil flow (freedom of connection). It has no manometers because, thanks to the chamber system, it automatically controls flow and pressure. It provides a print-out of the quantity of used and new oil.

It helps to restore the original gear change speed performance, thereby reducing vibrations and the consumption of oil.

It does not require disassembly of the gearbox. Supplied with a case of standard, quick and easy-to-use connectors, with automatic control of all work stages and menus in various languages.

Supplied with a detailed manual of operations to perform. A series of connectors specific to the European market are supplied as an option.

Technical features	ATF EXTRA
Power supply	12V DC (vehicle battery)
Maximum operating pressure	9 bar
Maximum flow rate	5,5 litres/min
Display	LCD 20 characters x 4 rows
Printer	24 column thermal
Type of gearbox	with torque convertor and sequential transmission
Dimensions	660x510x1175mm
Total weight	55kg

**007950026101**

Automatic gearbox
detergent 400 ml
(12 pcs)

007950025420

Automatic gearbox
detergent 1 litre

007950025430

Automatic gearbox
detergent 5 litres

007935110020

Spare filter for ATF Extra



BASIC CONNECTORS KIT

007935110010

The basic kit has the following connectors:

007935110160	007935110170	007935110210
007935110250	007935110260	007935110290
007935110300	007935110310	007935110320
007935110330	007935110340	007935110350
007935110360	007935110390	007935110420
007935110450	007935110460	007935110470
007935110510	007935110520	007935110530
007935110540	007935110550	



MM TC-100

007935016740

Manual device for changing the oil of automatic gearboxes. It helps to restore the original gear change speed performance, thereby reducing vibrations and the consumption of oil.

It does not require disassembly of the gearbox. Supplied with a case of standard, quick and easy-to-use connectors.

Supplied with a detailed manual of operations to perform.

Technical features	TC-100 and TE-100
Power supply	220V AC
Power consumption	350W
Dimensions	650x520x1160 mm
Total weight	60 kg

154077642143

Spare filter for MMTC/TE-100

007935110110

Database with rapid connections for MMTC/TE-100 (mandatory for new adapters)

Vehicle Connection Adapters

CODE	VEHICLE	PHOTO	CODE	VEHICLE	PHOTO
007935110120	VOLVO MALE CONNECTOR (C30-C70-S40-S60-S70-S80-V40-V50-V70)		007935110170	GM-FIAT-FORD-JEEP-CHRYSLER-SAAB-MERCEDES FEMALE CONNECTOR	
007935110130	VOLVO FEMALE CONNECTOR (C30-C70-S40-S60-S70-S80-V40-V70)		007935110180	JEEP-MITSUBISHI-GM-SUZUKI-TOYOTA	
007935110140	PSA-RENAULT UNIT		007935110190	AUDI MALE CONNECTOR	
007935110150	VW DSG		007935110200	AUDI FEMALE CONNECTOR	
007935110160	GM-FIAT-FORD-JEEP-CHRYSLER-SAAB-MERCEDES MALE CONNECTOR		007935110210	ALFA ROMEO 159	

Vehicle Connection Adapters

CODE	VEHICLE	PHOTO
007935110220	LEXUS CONNECTOR	
007935110230	LEXUS BLACK TUBE	
007935110240	LEXUS 90° CONNECTOR	
007935110250	BMW-JAGUAR MALE CONNECTOR	
007935110260	BMW-JAGUAR FEMALE CONNECTOR	

CODE	VEHICLE	PHOTO
007935110270	SAAB MALE CONNECTOR	
007935110280	SAAB FEMALE CONNECTOR	
007935110290	MERCEDES MALE CONNECTOR	
007935110300	MERCEDES FEMALE CONNECTOR	
007935110310	BMW 1 (7-Z3 SERIES) MALE CONNECTOR	

Vehicle Connection Adapters

CODE	VEHICLE	PHOTO	CODE	VEHICLE	PHOTO
007935110320	BMW 1 (7-Z3 SERIES) FEMALE CONNECTOR		007935110370	ALFA ROMEO 156 JTS	
007935110330	BMW 2 (7-Z3 SERIES) MALE CONNECTOR		007935110380	VW AUDI (2X1) BEFORE MY 2000	
007935110340	BMW 2 (7-Z3 SERIES) FEMALE CONNECTOR		007935110390	PEUGEOT 405-407 (2X1)	
007935110350	VOLVO (850-940-960) MALE CONNECTOR		007935110400	VOLVO (XC60- XC70-XC90) MALE CONNECTOR	
007935110360	VOLVO (850-940-960) FEMALE CONNECTOR		007935110410	VOLVO (XC60-XC70-XC90) CLAMP	

Vehicle Connection Adapters

CODE	VEHICLE	PHOTO
007935110420	ALFA ROMEO 156 JTD	
007935110430	AUDI (100-A4-A5-A6-A8) VW (BEETLE-PASSAT- PHAETON-TIGUAN- TOUAREG) MALE CONNECTOR	
007935110440	AUDI (100-A4-A5-A6-A8) VW (BEETLE-PASSAT- PHAETON-TIGUAN- TOUAREG) FEMALE CONNECTOR	
007935110450	MERCEDES (except A and B) MALE CONNECTOR	
007935110460	MERCEDES (except A and B) FEMALE CONNECTOR	

CODE	VEHICLE	PHOTO
007935110470	BMW SERIE 1 - LAND ROVER MALE CONNECTOR	
007935110480	BMW SERIE 1 - LAND ROVER FEMALE CONNECTOR	
007935110490	BMW - JAGUAR MALE CONNECTOR	
007935110500	BMW - JAGUAR FEMALE CONNECTOR	
007935110510	TUBO 1/4 - ALFA ROMEO 156 1.8 until 2000	

Vehicle Connection Adapters

CODE	VEHICLE	PHOTO
007935110520	TUBO 5/6 - ALFA ROMEO 156 1.8 after 2000	
007935110530	ALFA ROMEO 156 1.6 and 166 3/8 TUBE	
007935110540	BMW- CHEVROLET - HONDA - HYUN- DAI- JAGUAR - JEEP - KIA - LAND ROVER- LEXUS - MITSUBI- SHI- OPEL - ROVER - SUZUKI - TOYOTA - 1/2 TUBE	
007935110550	HONDA - HYUNDAI - KIA - LEXUS 3/4 TUBE	

CODE	VEHICLE	PHOTO
007935110560	ALFA ROMEO 156 1.6 and 166 90° CONNECTOR	
007935110570	NISSAN - DAIHATSU - SUZUKI	
007935110580	FIAT - LANCIA - FORD AISIN TRANSMISSION	



007935016730

BF-12 DEVICE FOR BRAKE FLUID REPLACEMENT

Magneti Marelli offers a universal pneumatic device for brake fluid replacement. The device consists of a stainless steel container, inside which a rubber diaphragm moves, sucking the brake fluid from the vehicle. After filling the internal tank to maximum operating pressure, the device works independently. Just one technician is required to completely replace the fluid. The kit includes service adapters, hoses and two 1-litre reservoirs.

Operating pressure: 0.7 - 3 bar
Dimensions 25x25x7.5, 6-litre tank
5 metre hose (compressed air)
Safety valve 3 bar

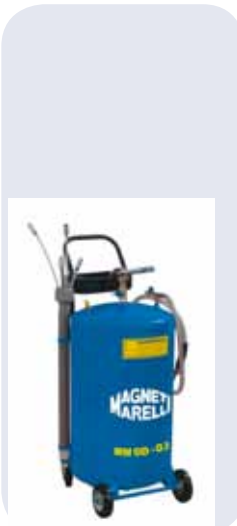
ASPIRATORI OLIO



007935016720



007935016710



007935016700

	MMOD-02 007935016720	MMOD-01 007935016710	MMOD-03 007935016700
Vacuum (Mpa):	0~-0.1	0~-0.1	0~-0.1
Inlet pressure (bar/psi):	8~10/114~145	8~10/114~145	8~10/114~145
Tank capacity (litres)	80	80	80
Performance (litres/m):	1.5~2	1.5~2	1.5~2
Operating pressure (bar/psi):	1~2/14~28	1~2/14~28	1~2/14~28
Oil temperature range:	40~80	40~80	40~80
Graduated reservoir (litre/gallon):	10/2.6	-	-
pantograph (litre/gallon):	20	15	-
Standard:	Tools, paper holder, basin	Tools, paper holder, basin	Tools, paper holder
Dimensions:	500*420*890 mm	470*470*230 mm	500*420*890 mm
Weight:	29/32 kg	25/27 kg	22/24 kg



Clima Tech Top HFO

007950015070

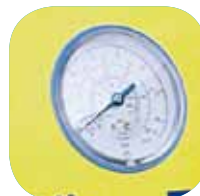
Modello FCA (Fiat Chrysler Automobiles)

007950015080

Automatic station for R1234yf GAS



NITROGEN CONNECTOR



RECOMMENDED OPERATING PRESSURE



PRINTER



BALANCE LOCK



OIL MAINTENANCE FOR HYBRID VEHICLES



IMPROVED OIL DISCHARGE

ACCESSORIES



CYLINDER HEATING BELT

007935090760



MAINTENANCE KIT

007950024130



CAR + TRUCK + AGRI
UPDATE BY USB DATABASE

007935090891

FEATURES:

Gas	R1234yf
Integrated database (car/truck/bus/agricultural vehicles)	√
Annual database update	USB/PC
Service archive for last 12 months (and IN-OUT stats)	√
Exporting and printing in A4 of services archive on PC	√
A/C System diagnosis	√
Graphical printer with personalized texts	√
Receipt copy print option	√
HP-LP, HP only, or LP only	√
Recovery	AUT (rif SAE2788/2843)
Oil separation	AUT
Refrigerant recycling	AUT
Oil discharge (ECO=no gas leaks)	AUT (ECO)
Vacuum	AUT
Leak test for A/C system	AUT
System filling	AUT
Flushing (cleaning interior of A/C system)	AUT
Leak kit with nitrogen (prepared)	√
Discharge of noncondensable gas (management)	AUT
Safety valve	√
Electronic vacuumeter	√
Built-in solenoid valve block in aluminium	√
Control valve at constant pressure	√
Alphanumeric keypad with display	4 x 20

Electronic refrigerant balance	√
Refrigerant balance precision	± 1g
Oil injection (Aut=balance)	AUT
Tracer dye injection (Aut=balance)	timed
Oil balance precision	± 1g
Calibratable manometers HP-LP 80 mm pulse free	√
Cylinder pressure signal ("info" menu)	√
PAG oil containers with quick connector	√
Disposable watertight PAG oil/UV dye injection containers	optional
POE oil/UV dye (hybrid vehicles) with quick connector	√
Airtight oil discharge container	√
Long-lasting hose	3000 mm
Vacuum pump	100l
End vacuum	0.05 mBar
Recovery speed	500 g/min
Nominal operating pressure	20 bar
Double chamber distiller	√
Double combined filter	√
Interior container capacity	10 kg
Cylinder pressure sensor and relative temperature	√
Recognition of services already performed	√
Steel frame with oven-baked painted finish	√
High-strength ABS panels	√
Weight	95 kg
Power supply	230V 50/60 hz



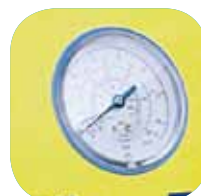
NEW

Clima Tech Top Next Maxi

007950015095



NITROGEN CONNECTOR



RECOMMENDED OPERATING
TEMPERATURE



PRINTER



BALANCE LOCK



OIL MAINTENANCE FOR
HYBRID VEHICLES



IMPROVED OIL DISCHARGE

ACCESSORIES



CYLINDER HEATING BELT

007935090770



MAINTENANCE KIT

007950024130



CAR + TRUCK + AGRI UPDATE BY USB
DATABASE

007935090891

CARATTERISTICHE:

Gas	R134a o R1234yf
Integrated database (car/truck/bus/agricultural vehicles)	√
Annual database update	USB/PC
Services archive for last 12 months (and IN-OUT stats)	√
Exporting and printing in A4 of services archive on PC	√
A/C System diagnosis	√
Graphical printer with personalized texts	√
Receipt copy print option	√
HP-LP, HP only, or LP only	√
Recovery	AUT (rif SAE2788/2843)
Oil separation	AUT
Refrigerant recycling	AUT
Oil discharge (ECO=no gas leaks)	AUT (ECO)
Vacuum	AUT
Leak test for A/C system	AUT
System filling	AUT
Flushing (cleaning interior of A/C system)	AUT
Leak kit with nitrogen (prepared)	√
Discharge of noncondensable gas (management)	AUT
Safety valve	√
Electronic vacuumeter	√
Built-in solenoid valve block in aluminium	√
Control valve at constant pressure	√
Alphanumeric keypad with display	4 x 20

Electronic refrigerant balance	√
Refrigerant balance precision	± 1 gr
Oil injection (Aut=balance)	AUT
Tracer dye injection (Aut=balance)	timed
Oil balance precision	± 1 gr
Calibratable manometers HP-LP 80 mm pulse free	√
Cylinder pressure signal ("info" menu)	√
PAG oil containers with quick connector	√
Disposable watertight PAG oil/UV dye injection containers	optional
POE oil/UV dye (hybrid vehicles) with quick connector	√
Airtight oil discharge container	√
Long-lasting hose	3000 mm
Vacuum pump	100L
End vacuum	0,05 mBar
Recovery speed	500 g/min
Nominal operating pressure	20 bar
Double chamber distiller	√
Double combined filter	√
Interior container capacity	25Kg
Cylinder pressure sensor and relative temperature	√
Recognition of services already performed	√
Steel frame with oven-baked painted finish	√
High-strength ABS panels	√
Weight	95Kg
Power supply	230V 50/60Hz



Clima Tech Plus Next

007950015110



NITROGEN CONNECTOR



RECOMMENDED OPERATING PRESSURE



CAR + TRUCK + AGRI DATABASE



SIMPLIFIED CALIBRATION



OIL DISCHARGE



LOW OPERATING COSTS

ACCESSORIES



CYLINDER HEATING BELT



DATABASE UPDATING



MAINTENANCE KIT



PRINTER KIT

007935090760

007935090880

007950024130

007935096320

FEATURES:

Gas	R134a or R1234yf
Integrated database (car/truck/bus/agricultural vehicles)	optional
Annual database update	card plug&play
Services archive for last 12 months (and IN-OUT stats)	-
Exporting and printing in A4 of services archive on PC	-
A/C System diagnosis	optional
Graphical printer with personalized texts	optional
Receipt copy print option	optional
HP-LP, HP only, or LP only	√
Recovery	AUT (ref SAE2788)
Oil separation	AUT
Refrigerant recycling	AUT
Oil discharge (ECO=no gas leaks)	AUT (ECO)
Vacuum	AUT
Leak test for A/C system	AUT
System filling	AUT
Flushing (cleaning interior of A/C system)	√
Leak kit with nitrogen (prepared)	√
Discharge of noncondensable gas (management)	MAN
Safety valve	√
Electronic vacuumeter	√
Built-in solenoid valve block in aluminium	√
Control valve at constant pressure	√
Alphanumeric keypad with display	2 x 16

Electronic refrigerant balance	√
Refrigerant balance precision	± 10 g
Oil injection (Aut=balance)	timed
Tracer dye injection (Aut=balance)	timed
Oil balance precision	-
Calibratable manometers HP-LP 80 mm pulse free	√
Cylinder pressure signal ("info" menu)	manometer
PAG oil containers with quick connector	√
Disposable watertight PAG oil/UV dye injection containers	optional
POE oil/UV dye (hybrid vehicles) with quick connector	optional
Airtight oil discharge container	√
Long-lasting hose	3000 mm
Vacuum pump	100l
End vacuum	0.05 mBar
Recovery speed	500 g/min
Nominal operating pressure	20 bar
Double chamber distiller	√
Double combined filter	√
Interior container capacity	10 kg
Cylinder pressure sensor and relative temperature	-
Recognition of services already performed	√
Steel frame with oven-baked painted finish	√
High-strength ABS panels	√
Weight	93 kg
Power supply	230V 50/60 hz



Clima Tech HD Next

007950015130



NITROGEN CONNECTOR



RECOMMENDED OPERATING PRESSURE



CAR + TRUCK + AGRI DATABASE



5 m HOSE THAT CAN BE EXTENDED



OIL DISCHARGE



LOW OPERATING COSTS

ACCESSORIES



CYLINDER HEATING BELT



DATABASE UPDATING



MAINTENANCE KIT



PRINTER KIT

007935090770

007935090880

007950024130

007935096320

CARATTERISTICHE:

Gas	R134a or R1234yf
Integrated database (car/truck/bus/agricultural vehicles)	optional
Annual database update	card plug&play
Services archive for last 12 months (and IN-OUT stats)	-
Exporting and printing in A4 of services archive on PC	-
A/C System diagnosis	optional
Graphical printer with personalized texts	optional
Receipt copy print option	optional
HP-LP, HP only, or LP only	√
Recovery	AUT (ref SAE2788)
Oil separation	AUT
Refrigerant recycling	AUT
Oil discharge (ECO=no gas leaks)	AUT (ECO)
Vacuum	AUT
Leak test for A/C system	AUT
System filling	AUT
Flushing (cleaning interior of A/C system)	√
Leak kit with nitrogen (prepared)	√
Discharge of noncondensable gas (management)	MAN
Safety valve	√
Electronic vacuumeter	√
Built-in solenoid valve block in aluminium	√
Control valve at constant pressure	√
Alphanumeric keypad with display	2 x 16

Electronic refrigerant balance	√
Refrigerant balance precision	± 10 g
Oil injection (Aut=balance)	timed
Tracer dye injection (Aut=balance)	timed
Oil balance precision	-
Calibratable manometers HP-LP 80 mm pulse free	√
Cylinder pressure signal ("info" menu)	manometer
PAG oil containers with quick connector	√
Disposable watertight PAG oil/UV dye injection containers	optional
POE oil/UV dye (hybrid vehicles) with quick connector	optional
Airtight oil discharge container	√
Long-lasting hose	5000 mm
Vacuum pump	226l
End vacuum	0.05 mBar
Recovery speed	500 g/min
Nominal operating pressure	20 bar
Double chamber distiller	√
Double combined filter	√
Interior container capacity	25 kg
Cylinder pressure sensor and relative temperature	-
Recognition of services already performed	√
Steel frame with oven-baked painted finish	√
High-strength ABS panels	√
Weight	100 kg
Power supply	230V 50/60hz

NEW

Ultima ID 1234yfp Refrigerant Gas Analyser

007935020010


Air conditioning systems in new vehicles must have the new HFO R1234yf gas. Before any maintenance work is carried out on these systems, it is recommended that a check is made of the quality of gas they contain.

This device measures the quantity of R1234yf and R134a gases, displaying the percentage of gas contained and also lighting up one of two indicator lights (green or red), depending on the quality of the gas. It also provides a print-out of the test carried out.

The test setting can be selected with 3 keys.



Technical features	
Gases measured	R1234yf and R134a
Precision	$\leq \pm 1.0\%$
Gases displayed	R1234yf, R34a, HC, Air
Operating temperature	10°C – 50°C
Supply voltage (battery charger)	110/220V 50/60 hz
Battery	Internal and rechargeable
Connection to PC	USB 2.0
Operator interface	Display and 3 keys
Approved	CE and SAE
Flow control	Yes
Pump calibration	Yes
Oil contamination	Replaceable oil trap
Filter	Replaceable

Ozon Maker

430104018045



By ionizing the air, this device produces unstable allotropes of oxygen, i.e. ozone O₃. Ozone is a very powerful oxidant and removes all impurities that have accumulated in the driver/passenger compartment of the vehicle.

TECHNICAL DATA:

Dimensions: 320 x 220 x 95 mm
Supply voltage: 220/240 V- 50 Hz
Power consumption: 0.15 A – 18 W
Capacity of the device: 3 l/min.

The removal of contaminants is extremely easy thanks to the compact design and long ozone discharge tube. Positioning the end of the tube that terminates in a probe in the point desired inside the vehicle compartment or on the housing of the dust filter is trouble-free.

- Easy to handle
- Removes all impurities
- Removes humidity
- Eliminate odours
- Easy, environmentally-friendly operation
- Eliminates the cost of the use and disposal of chemical agents.

AC Washing Device

007950024620



With a highly efficient pump, this device performs a full wash and dry of the internal surface of the individual elements of the AC system. The device also includes special inserts for connecting to any element of the Air Conditioning system, a filter and connection cables. The device is equipped with a manometer that measures the operating pressure. The liquid for washing the interior of the AC system is **not flammable and evaporates slowly**. Suitable for all types of system. It thoroughly removes all oil residues, rust, deposits and humidity inside the system.

007950024530

Washing liquid 1 litre

007950024540

Washing liquid 5 litres



007935090120

UV Lamp Kit

007950024690

Leak detection foam

007950025840

UV Lamp



007950024030

Digital thermometer



NEW

007950025830

Electronic leak detector for R134a, HFO-1234yf, R404a, R407c and R410a gases



007935090650

Polyester oil (POE) ISO 100 1 litre + UV tracer dye

007935090740

Polyester oil (POE) ISO 100 1 litre



NEW

007950026065

Nitrogen kit



007935090710

PAG oil ISO46 250 ml

007935090720

PAG oil ISO100 250 ml

007935090730

PAG oil ISO 150 250 ml

007950024920

PAG oil ISO46 for HFO-1234yf gas 250 ml

007950024925

PAG oil ISO100 for HFO-1234yf gas 250 ml



007950024780

Leak sealant filter

007950024785

Spare leak sealant filter



007950024060

Washing set for air conditioning system stations



007935090660

PAG oil ISO46 1 litre

007935090670

PAG oil ISO100 1 litre

007935090680

PAG oil ISO150 1 litre



007950024750

Manual washing set



007950024860

PAO oil 68 0.5 litre with tracer dye

007950024850

PAO oil 68 1 litre with tracer dye



- 007950024630** PAO oil 68 250 ml
- 007950024640** PAO oil 68 1 litre
- 007950024650** PAO oil 68 5 litres



- 007950024680** Oil for hybrid compressors viscosity 80
- 007950024685** Oil for hybrid compressors for HFO-1234yf gas



- 007935090640** UV tracer dye 250 ml
- 007950024910** Tracer dye for HFO-1234yf gas 350 ml
- 007950024915** Tracer dye for HFO 1234yf gas 250 ml



- 007950024050** Condenser cleaning spray (2 pcs)



- 007950024870** Set of 2 disinfectant sprays + active foam 50 ml, disinfectant spray 400 ml
- 007950024020** Sanitizing spray 200 ml
- 007950025160** Disinfectant liquid for air conditioning systems 1 litre concentrated



- 007950024350** Spanner for valve extraction



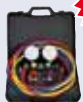
- 007950024900** Sanitizing container 400 ml



- 007950024580** HP connection, thread M15 x 1.0
- 007950024590** LP connection, thread M13 x 1.0
- 007950024600** HP connection (Ford), thread M12 x 1.5
- 007950024800** LP connection (Ford), thread M10 x 1.25
- 007950024835** 180° Adapter LP 1/4
- 007950024840** 180° Adapter HP 1/4



- 007935090690** Fiat Group O-Ring Kit
- No. 8 O-Ring (10 pcs)
- No. 10 O-Ring (10 pcs)
- No. 12 O-Ring (10 pcs)
- Service valve (10 pcs)
- Press. M O-RING 11.13 x 9.25 (10 pcs)
- Press. M O-RING 6.7 x 5.1 (10 pcs)
- Nippondenso G6 O-RING (10 pcs)
- Nippondenso G8 O-RING (10 pcs)
- Nippondenso COMP. O-RING (10 pcs)
- LP Valve protection nut (2 pcs)
- HP Valve protection nut (2 pcs)
- O-RING 17.7 mm (3 pcs)
- O-RING 14.7 mm (3 pcs)
- O-RING 11.7 mm (3 pcs)
- O-RING 8.7 mm (3 pcs)
- Double O-RING 15.4 mm (5 pcs)
- Double O-RING 10 mm (5 pcs)
- Double O-RING 18 mm (5 pcs)
- Nippondenso O-RING 24 x 20 (10 pcs)
- Harrison O-RING 23.77 x 20.22 (10 pcs)


NEW
007950024725

Manometer unit kit for
HFO-1234yf gas

007950024090
**Special O-RING Kit 88
pieces**

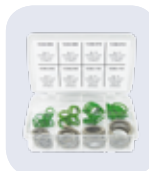
Double O-Ring 10 mm (10 pcs)
Double O-Ring 15.4 mm (10 pcs)
Double O-Ring 18 mm (10 pcs)
Peugeot 6460P2 O-Ring (10 pcs)
Peugeot 6460P1 O-Ring (10 pcs)
Renault 1-7701207274 O-Ring (10 pcs)
Renault 2-7701207274 O-Ring (10 pcs)
Renault 2-7701207274 O-Ring (10 pcs)
O-Ring di Tenuta 17,7 mm (2 pcs)
O-Ring di Tenuta 14,7 mm (2 pcs)
O-Ring di Tenuta 11,7 mm (2 pcs)
O-Ring di Tenuta 8,7 mm (2 pcs)


007935090750
Universal O-Ring Kit

No. 6 O-Ring (10 pcs)
No. 8 O-Ring (10 pcs)
No. 10 O-Ring (10 pcs)
O-Ring Coupler (10 pcs)
Nippondenso O-RING G8 (10 pcs)
Nippondenso O-RING G6 (10 pcs)
Press. M. O-Ring 11.13 x 9.25 (10 pcs)
Press. M. O-Ring 6.7 x 5.1 (10 pcs)
Nippondenso O-Ring Comp. (10 pcs)
Harrison O-ring 23.77 x 20.22 (10 pcs)
O-Ring 8 mm (10 pcs)
O-Ring 9 mm (10 pcs)
Double O-Ring 15.4 mm (5 pcs)
Double O-Ring 10 mm (5 pcs)
Double O-Ring 18 mm (5 pcs)
Peugeot 6460P2 O-Ring (5 pcs)
Peugeot 6460P1 O-Ring (5 pcs)
Renault 1-7701207274 O-Ring (5 pcs)
Renault 2-7701207274 O-Ring (5 pcs)
Renault 2-7701207274 O-Ring (5 pcs)
O-Ring 17.7 mm (3 pcs)
O-Ring 14.7 mm (3 pcs)
O-Ring 11.7 mm (3 pcs)
O-Ring 8.7 mm (3 pcs)
R12/R134a valve 5 mm (10 pcs)
Valve 8 mm (5 pcs)
High flow rate valve (5 pcs)


007950024080
**Standard O-Ring Kit 88
pieces**

No. 8 O-Ring (10 pcs)
No. 10 O-Ring (10 pcs)
No. 12 O-Ring (10 pcs)
Nippondenso O-Ring G8 (10 pcs)
Nippondenso O-Ring G6 (10 pcs)
Press. M. O-Ring 11.13 x 9.25 (10 pcs)
O-Ring 6.7 x 5.1 mm (10 pcs)
Harrison O-Ring 23.77 x 20.22 (10 pcs)
Nippondenso Comp. O-Ring (10 pcs)
O-Ring 8 mm (10 pcs)


007935090930
**Ford and GM O-Ring
Kit (60 pcs)**

No. 8 O-Ring (10 pcs)
No. 10 O-Ring (10 pcs)
No. 12 O-Ring (10 pcs)
6 Spring-energized Seal (5 pcs)
8 Spring-energized Seal (5 pcs)
10 Spring-energized Seal (5 pcs)
12 Spring-energized Seal (5 pcs)


007950024820
O-Ring Grip

007950024070
**Set of Service valves
(33 pcs)**



Single O-Ring Kits

007950024150	No. 6 O-Ring (10 pcs)
007950024160	No. 10 O-Ring (10 pcs)
007950024170	No. 8 O-Ring (10 pcs)
007950024180	O-Ring for G12 hose
007950024200	Press. M. O-Ring 11.13 x 9.25 (10 pcs)
007950024205	O-Ring 6.7 x 5.1 (10 pcs) (5 pcs)
007950024210	Denso G6 O-Ring 7.5 x 10.3 (10 pcs)
007950024220	Denso Comp. O-Ring 24.4 x 20 (10 pcs)
007950024230	Denso G8 O-Ring 12.7 x 10.3 (10 pcs)
007950024240	LP Valve Protection Nut R134a (2 pcs)
007950024250	HP Valve Protection Nut R134a (2 pcs)
007950024260	O-Ring Internal diam. 17.7 mm (3 pcs)
007950024270	O-Ring Internal diam. 14.7 mm (3 pcs)
007950024280	O-Ring Internal diam. 11.7 mm (3 pcs)
007950024290	O-Ring Internal diam. 8.7 mm (3 pcs)
007950024300	Double O-Ring External diam. 15.4 mm (5 pcs)
007950024310	Double O-Ring External diam. 10 mm (5 pcs)
007950024320	Double O-Ring External diam. 18 mm (5 pcs)
007950024330	Denso O-Ring 24.4 x 20 (10 pcs)

007950024340

Harrison O-Ring 23.7 x 20.22 (10 pcs)

007950024360

O-Ring 9 mm (10 pcs)

007950024370

Peugeot 6450P2 O-Ring (5 pcs)

007950024380

Peugeot 6450P1 O-Ring (5 pcs)

007950024390

Renault 1.7701207274 O-Ring (5 pcs)

007950024400

Renault 2.7701207274 O-Ring (5 pcs)

007950024410

Renault 3.7701207274 O-Ring (5 pcs)

007950024450

O-Ring 8 mm (10 pcs)



007950024040

SAE connector for hose 1/4 x 1/4



007950013760

Flexible hose for Air Conditioning Station 250 cm Blue

007950013770

Flexible hose for Conditioning Station 250 cm Red Air

007950024950

Red Flexible hose for Air Conditioning Station for HFP-1234yf 250 cm Thread M 1/2"

007950024960

Blue Flexible hose for Air Conditioning Station for HFP-1234yf 250 cm Thread M 1/2"



007950025090

Gasket kit for
Compressor


007950025220

Kit for introduction/re-
moval of cigarette valve


007950024100

Coupling for R134a
cylinder

007950024810

Connection to R134a
Cylinder 1/4" x 13 mm
+ SAE Adapter


007950024110

Kit for minor mainten-
ance for MM7f/
MM6f stations
Diam.: 63 mm
Length: 200 mm
Connectors: 3/8 OR


007950013780

LP Quick Connector
90° 1/4" 16 mm

007950013790

HP Quick Connector
90° 1/4" 16 mm

007950024930

HP Quick Connector for
HFO-1234yf gas (Female
thread 1/2")

007950024940

LP Quick Connector for
HFO-1234yf gas (Female
thread 1/2")

007950025230

HP Quick Connector
90° with 1/2" tap in
1/4" Male thread

007950025240

LP Quick Connector
90° with 1/2" tap in
1/4" Male thread


007950024000

LP Quick Connector
180°

007950024010

Quick Connector HP
180°


007950024560

Quick Connector,
extension for Volvo,
BMW and other makes

007950025250

HP-LP Quick Connector
for Renault


NEW

007950025050

Robinair SPX filter,
Latest Series
Diam.: 76 mm
Length: 275 mm


NEW

007950025060

Robinair SPX filter,
Latest Series
Diam.: 90 mm
Length: 294 mm
Connectors 1/4 OR


NEW

007950025070

Texa Filter
Diam.: 76 mm
Length: 240 mm
Connectors: 3/8 OR

NEW**007950025065**

Wigam CTR filter
Diam.: 76 mm
Length: 230 mm
Connectors: 1/4 cone

NEW**007950025780**

SAE adapter M1/4 for M
HFO-1234yf

NEW**007950025930**

Krios Filter
Diam.: 76 mm
Length: 160 mm
Connectors: 1/4 cone

NEW**007950025790**

SAE adapter M3/8 for M
HFO-1234yf

NEW**007950025925**

Air Solution Filter
Diam.: 63 mm
Length: 160 mm
Connectors: 1/4 cone

NEW**007950025800**

Dupont Cylinder
Adapter for HFO-1234yf

NEW**007950025900**

Robinair AC595
Diam.: 76 mm
Length: 235 mm
CONNECTORS: MXM 1/4
SAE OR

NEW**007950025810**

Honeywell Cylinder Adapter
for HFO-1234yf gas

NEW**007950025560**

Texa New Series
Diam.: 63 mm
Length: 240 mm
CONNECTORS: MXM 1/4
SAE OR

NEW**007935090860**

Kit for conversion from
HFO-1234yf R134a for
Clima Tech NEXT

007935090865

Kit for conversion from
R134a to HFO-1234yf
for Clima Tech NEXT

Clima Gas

The Magneti Marelli offer also includes a range of refrigerant gases such as R134a, HFO-1234yf and R404.

**007950014500**

Cylinder of R134a Gas, 12 kg

NEW**007950014560**

HFO-1234f Gas



NEW

007950026116

Additive for DPF cleaning 250 ml (20 Pcs)

THE DIESEL PARTICULATE FILTER CLEANER ADDITIVE is a professional product which, when mixed with the diesel, reduces carbon deposits and particulate matter, and prolongs the life of the DPF, keeping it cleaner and more efficient over time.



NEW

007950026111

LPG Additive 250 ml (12 Pcs)

THE ADDITIVE FOR LPG CIRCUITS is supplied in a special pressurized canister with connection tube. Use of this liquid keeps the system clean, prolongs the life of the gaskets, and keeps the valve housing and injectors clean. Important benefits: it improves acceleration, reduces emissions, enables fuel savings and



NEW

007950026106

Diesel Additive 250 ml (20 Pcs)

THE MULTI-PURPOSE DIESEL ADDITIVE is a new generation professional product for cleaning and protecting fuel systems for vehicles with diesel engine. Important benefits: it reduces fuel consumption, reduces emissions of pollutants, facilitates and improves cold starting, facilitates and improves fuel combustion, restores compression, improves performance and reduces engine noise.



NEW

007950026120

DPF Washing Liquid 5 litres

007950026125

DPF Rinsing Liquid 5 litres

007950026130

Dispenser for DPF

The DPF WASHING/RINSING SERVICE consists of 3 products: a dispenser for DPF, a washing and a rinsing liquid. The combined action of these 2 detergents cleans the particulate filter without having to disassemble it.

The DPF cleaning operation should be recommended at each service, especially to those who travel short distances, to keep the filter in good working order, prevent it from becoming completely clogged and prolong its life.



Nitrile gloves

Nitrile powder-free disposable gloves with non-slip finish. The folding card box has a perforated opening for easy access to the product.

099700120060

Size M

099700120070

Size L

099700120080

Size XL



Hand-wash Cream

This professional abrasive hand-wash cream contains glycerine to soften the skin. It cleans the hands, leaving a delicate perfume.

099996001204

4,5 litri



NEW

Hand-wash Paste

This paste contains glycerine to soften the skin. It cleans the hands, leaving a delicate perfume. It does not clog drains; it does not contain sand.

099996001000

1 litre

099996001005

4 litres



NEW

Hand-wash Liquid

Cleansing hand-wash liquid with high degreasing power. A non-abrasive hand cleanser recommended for automotive workshops.

099996001010

1 litre

NEW
MET
009999269300
NEW
MET 
009999269310

Code	Description
009999269305	MET subscription renewal
009999269315	MET STAR subscription renewal
009999269446	MET additional stations
009999269447	MET STAR additional stations
009999269330	Licence plate search module (300 queries)

Advanced user-friendly software, with centralized database (vehicles, times, prices, spare parts, O.E., I.A.M.) which is accessible via Internet.

Dedicated server and line for high performance.

Easy and intuitive application with fast server response in spite of the large amount of data included in the software.

MET is an innovative online program that provides fast, easy remote access to the databases via dedicated server and lines, for drawing up estimates, consulting the pricelists of over 450 manufacturers of automobiles and parts in incredibly fast times.

Since the system is fully on line, all contents are continuously updated.

MET is the ideal online application for mechanics who need a powerful product, abundant with new advanced functions (**Licence plate search, VIN and engine number**, appointment planning and order management), but easy to use and understand, and that requires no maintenance.

VEHICLE SELECTION



SERVICES



INVOICES / RECEIPTS



DOCUMENT ISSUE

Estimates, invoices and receipts can be issued in a simple, intuitive environment.

MET Star

An integrated technical database that offers fast access to different technical content: repair manuals, technical data and vehicle electronics.

MINIMUM REQUIREMENTS

Broadband Internet connection (ADSL).

Internet explorer 9, Mozilla Firefox 29.0.1 and

Google Chrome 35.0 browsers

Contents:

- 17,625 vehicles
- 12,204,827 OE spares
- 10,782,161 IAM spares
- 1,830,753 cross references
- 2,983,931 graphs
- 7,130,651 repair times
- 477 price lists (manufacturers and producers)
- 14,107 tyre parts price lists

TECHNICAL DRAWINGS



ORDER TO SUPPLIER



SPARE PARTS AND TIMES



ELECTRICAL DIAGRAMS





ReTIS

099992670400

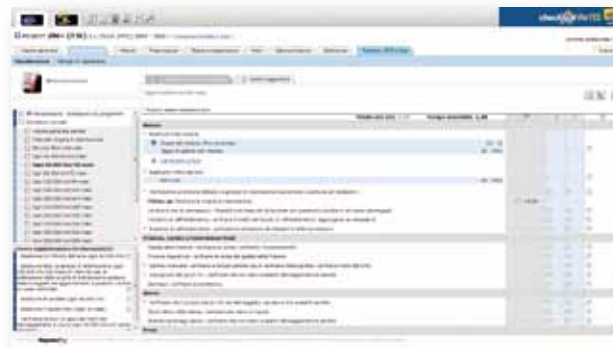
The system includes information on:

- vehicle identification
- scheduled technical inspections
- information on adjustments made
- lubricants and operating fluids
- technical data on the engine and its adjustments
- technical drawings
- engine control unit
- component location
- ABS
- airbag
- fuses and relays
- air conditioning
- electrical system diagrams
- repair and maintenance times
- body (disassembly and assembly of components)
- comfort system (electrical and operating diagrams)
- interpretation of EOBD error codes

REPAIR MANUALS



MAINTENANCE - CHECKLIST





099992670405

ReTIS Truck enables maintenance to be performed on industrial vehicles and trailers; the program contains the main maintenance and repair instructions, as well as information on the electronics. ReTIS Truck also includes information on trailers and axles. This information, which is progressively added according to feedback from the market, will allow you to perform maintenance on the vehicle.

The information is divided into the following groups:

- Maintenance**
- Engine Transmission**
- Transfer case**
- Steering**
- Brakes**
- Axles**
- Exterior/Interior**
- Electronics**

For each category, the user is provided with adjustment data, technical data, repair manuals and information on lubricants and fluids.

VEHICLE SELECTION



REPAIR MANUALS



Autodata Online 3

009999269500



The Leading Supplier of Technical Databases

Autodata, which was founded in 1975, is Europe's leading supplier and publisher of technical information for professionals in the automotive sector.

The information in the technical database comes directly from the OEMs and guarantees completeness and accuracy.

Autodata offers information systems concerning the technical data of cars and light commercial vehicles.

Covering over 17,000 models, Autodata ensures professional workshops have access to the most accurate, relevant and up-to-date manufacturers' information needed for full service, repair and diagnostic work in the shortest possible time:

- Direct search of information from manufacturers
- Standardized text and exclusive internal style
- Over 35 years of experience in the sector
- An extensive technical library

ERROR CODES



COMPONENT LOCATION



ELECTRICAL DIAGRAMS



Autodata Online 3 Contents

- Timing belts
- Fault case studies
- Technical data
- Repair times
- Wheel alignment
- Tyre pressure
- TPMS
- Scheduled service
- Maintenance warning light
- Service illustration
- Electric parking brake
- Battery disconnection and reconnection
- Clutches
- Key programming
- Guided diagnostics
- Fault codes
- Engine management, component testing
- Engine management, diagnosis values
- Troubleshooting
- Airbag
- Air conditioners
- ABS
- Component location
- Electrical diagrams
- Exhaust gas after treatment
- Ancillary component belts

TROUBLESHOOTING



REPAIR MANUALS



TIMING BELT



The main contents are:

Repair procedures

Assembly diagrams and specifications

Error codes and graphs for diagnostic tests

Electrical diagrams

Component location

Technical service bulletins

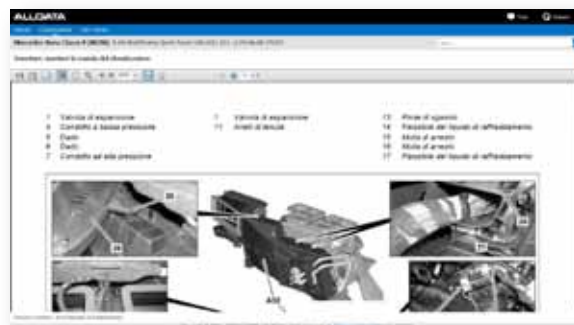
Torques

Info Center

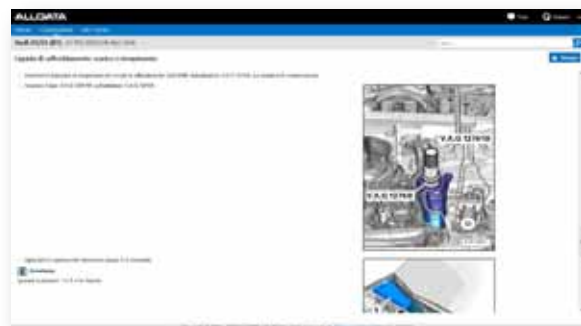
COMPONENT LOCATION



AIR CONDITIONING



COOLANT PUMP



ELECTRICAL DIAGRAMS



TECa

CODE	DESCRIPTION
099992680000	TEC SW Licence
099992680100	TECa SW annual instalment
099992680050	Service form

DESCRIPTION

TECa is an information system that allows the vehicle to be followed from the moment it enters the workshop until it is returned to the customer.

Vehicle acceptance form, inspection, quick estimates with repair times, search for original and alternative spare parts and communications are just some of the operations the program is able to carry out. It therefore simplifies work inside the workshop, improving efficiency and the quality of customer assistance.

TECa is a management software for multi-make workshops specialized in different sectors, which offers:

- dynamic estimates (4 databases);
- repair times given by the manufacturers;
- price lists of manufacturers and component producers;
- databases of original and alternative spare parts;
- management of customer/supplier data;
- management of reminders (emissions control, scheduled inspection, service, gas systems installation);
- archive of repairs carried out;
- communications with customers;
- other functions (warehouse management, basic accounting, etc.).

Document issue

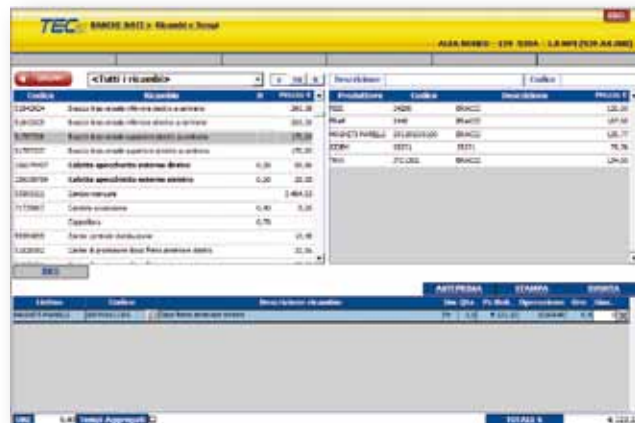
Whatever the type of document to be issued: receipts, invoices, acceptance forms, estimates, etc., the screenshot that appears on the screen is basically the same, divided into three parts: customer and vehicle data at the top, the spare parts used in the middle, and financial information at the bottom.

Spare parts search

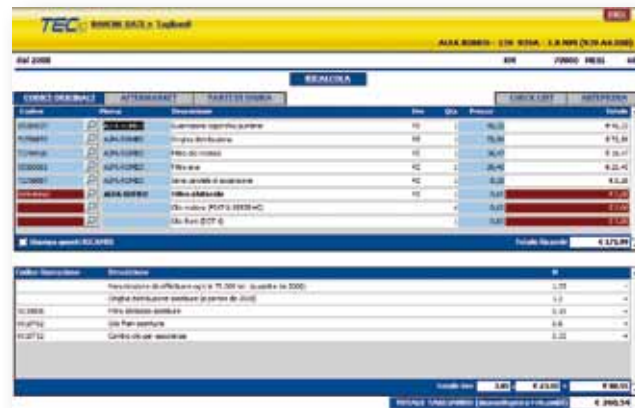
Once the make, model and version of the vehicle have been selected, the dynamic databases can be used: waiting times and prices of original spare parts and a comparison with Aftermarket spare parts;

Fast Moving – the database for finding the components used most frequently;

SPARE PARTS DATABASE



SERVICES – SPARE PARTS LIST



Lists – by selecting the manufacturer or producer price list, an item can be found from the code or description;
Tyres – by entering the CODE or size of the tyres, information on the price and tyre pressure will be displayed;
Warehouse - items placed in the warehouse can be searched.

Appointment booking

A daily diary to plan workshop activities, which classifies appointments by type; vehicles to be returned to customers can be highlighted on the right.

Rapid search of item code

By entering the item code in the search field, the system gives a description of the components, the price lists and likely matches with producers of alternative products and spare parts.

WAREHOUSE MANAGEMENT

The warehouse can be managed by entering the items from the purchase document or entering the item data; this function allows items to be divided by group, sub-group or in lists.

DOCUMENT ISSUE - INVOICE



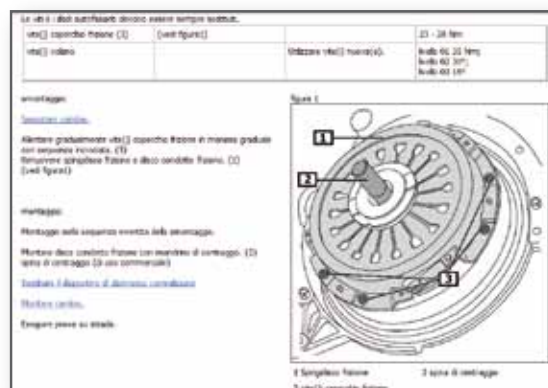
Service module

DESCRIPTION

Technical Data Sheets are provided, which are useful for solving vehicle problems, together with images of the components, electrical diagrams, torques and much more.

The Technical Data Sheet module is divided into three menus: Technical Data Sheets, Technical Data and Manuals.

CODE	DESCRIPTION
099992680050	Service module



Body Module

DESCRIPTION

A module specifically designed for body shops, with interactive graphics (exploded view of original vehicles) that are cross-referenced with the information incorporated in the vehicle database,

CODE	DESCRIPTION
099992680040	Body Module



Truck module

DESCRIPTION

By keeping the graphic interface of the vehicle database simple and intuitive, the Truck section offers a wide range of spare parts for industrial vehicles.

CODE	DESCRIPTION
099992680030	Truck Module



Warranty terms and conditions

RESPONSIBILITY

The Customer is responsible for the use of any devices and software programs supplied by MAGNETI MARELLI AFTER MARKET PARTS & SERVICES S.P.A. (hereinafter referred to as MMAM) and sold by the reseller.

The Customer relieves MMAM and the reseller from any liability regarding possible damage caused by improper use of products and services sold by the reseller and purchased by the Customer, and arising from using such products in a manner that fails to comply with all the recommendations and the sequence of operations indicated in the software and instruction manuals. The Customer is obliged to use all data and all information obtained from MMAM or the reseller, directly or through programs and instruction manuals, in the knowledge that they may not be exhaustive and must be used to supplement his own professional knowledge.

WARRANTY

Upon receiving the products, the Customer is obliged to verify that the product is intact, reporting any anomalies or defects within 15 days from the date of activation or receipt specified in the shipping documents.

DEVICES: The Reseller warrants against manufacturing faults and defects identified and recognized by the MMAM service network within a period of 24 months from the date of product sale or activation. Pursuant to this warranty, the authorized Service Centres are obliged to restore the product to full working order by replacing or repairing, free of charge, the defective parts. The warranty does not cover defects or malfunctions caused by: a) improper use or maintenance of the product, or incorrect or improper adjustment of the same; b) the use of software, interfaces, components or consumables not supplied by the official MMAM sales and assistance network; c) unauthorized modification or incorrect use; d) use of the products in environments that do not fall within the parameters specified for the product; e) incorrect preparation or maintenance of the environment of use.

The warranty of 2 years for the A/C stations is applied on the condition that Magneti Marelli operating fluids or fluids with the same technical features are used.

SOFTWARE/LICENCES: Although MMAM has taken all possible precautions to ensure accuracy of the information contained or displayed, it does not guarantee that the software, or any information it contains or displays, is free from errors. The data and materials (in various formats) contained in the programs, or in the archives accessed by the Customer, may come from different sources including, for example, original material distributed by various carmakers and materials sent to MMAM by companies specialized in the preparation of this type of information. The warranty does not cover any problems related to software incompatibility when the latter is installed on hardware platforms other than those produced or specified by MMAM (i.e. PCs, portable, hand-held or tablet PCs). As a non-exhaustive example, we can mention the problems caused by the incompatibility between MMAM programs and software environments with inadequate requirements or protected by antivirus software, which prevent their correct installation and operation, environments damaged by viruses, or environments with inadequate hardware resources.

PLACE OF REPAIRS UNDER WARRANTY: All repairs covered by the warranty, subject to other written agreements or direct agreements with the service suppliers, will be carried out at the MMAM headquarters or at a service centre authorized by MMAM.

TRANSPORT: The warranty does not cover damage caused during transport and by the breakage of the packaging of parts sent for repair, which was carried out inadequately by the Customer.

Unless otherwise agreed in writing, the cost of shipping the product to be repaired from the Customer's premises to the service centre and/or expenses incurred by MMAM or the Service Centre personnel shall be charged to the Customer.

MAINTENANCE: Before the product is delivered to the Customer, it is carefully tested by MMAM and by the reseller. However, certain products always require regular maintenance and periodic inspection. The right to assistance under warranty is forfeited in the event that the minimum maintenance described in the product instruction manual is not carried out, particularly with regard to the stations for maintenance of air conditioning systems

